

MINUTES
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
UTAH WATER QUALITY BOARD MEETING

Cannon Health Building Room 114
288 North 1460 West
Salt Lake City, Utah 84116

May 17, 2002
9:30 a.m.

UTAH WATER QUALITY BOARD MEMBERS PRESENT

Robert G. Adams	Nan Bunker
Ray Child	Neil Kochenour
Ron Sims	Bill Williams
J. Ann Wechsler	

DIVISION OF WATER QUALITY STAFF MEMBERS PRESENT

Don Ostler, Faye Bell, Jay Pitkin, Chris Imbrogno, Paul Krauth, Mary Fugate, Fred Pehrson, Tim Beavers, John Kennington, Walt Baker

OTHERS PRESENT

<u>Name</u>	<u>Organization Representing</u>
Tim Jones	Jones & DeMille Engineering
Gary Mason	Sevier County
Wendy Crowther	Clyde, Snow, Sessions & Sorenson
Curtis Christensen	Weber County
Alden Robinson	Sunrise Engineering Inc.
Doug Nielsen	Sunrise Engineering, Inc.
Larry Mize	Visitor
Sharon Walters	Daggett County
Ruth Fisher	Central Valley Water Reclamation
Wes Cofurn	City of South Salt Lake
Craig Mathie	Monroe City
Trudie Terry	Parowan City
Bruce Matheson	Parowan City
Clark Gate III	Parowan City
Ron Smith	Parowan City
Bill Stubbs	GSLA
Gail Carlson	City of South Salt Lake
Brent Gardner	Alpha Engineering/Parowan City
Reed Fisher	Central Valley WRF

Vice Chairman Williams called the Board meeting to order at 9:45 a.m. He welcomed those in attendance and invited the members of the audience to introduce themselves.

An award was presented from the Water Quality Board to Larry Mize in recognition for 35 years of service as an engineer to the State of Utah and the Division of Water Quality.

APPROVAL OF MINUTES OF THE APRIL 17, 2002 MEETING

Mr. Adams noted a correction in his statement on page 4, 19 lines up from the bottom concerning St. George City. This statement should read, “Mr. Adams expressed similar concerns and stated we are not sure if we are going to have adequate funding to do stormwater projects and other projects. He felt this project, which in effect would be loaning money to an industry, would be in direct competition with projects which are more mandated for funding, such as stormwater and nonpoint source projects”. Ms. Wechsler also noted that a statement on page 5 should read, “Dr. Kochenour stated that maybe we should reconsider our 0% loan policy” instead of “that maybe we should we reconsider....”.

Action Taken: It was moved by Ms. Bunker, seconded by Mr. Sims and unanimously carried to approve the minutes of the April 17, 2002 meeting with the noted changes.

ENFORCEMENT

Oakley City: Mr. Imbrogno from the Division of Water Quality presented an NOV that was issued to Oakley City. Oakley City has agreed to pay a penalty in the amount of \$2,000.00 within 30 days of the effective date of this agreement. Oakley also agrees to fund a mitigation project, complete a Technology Transfer Report, voluntarily institute a moratorium on issuance of new building permits and will cease processing applications for development as of April 11, 2002, except under the conditions listed in section D. Finally, Oakley agrees to pay the stipulated amounts listed under item E within thirty (30) days of demand as stated in the settlement agreement.

Mountain Green: Mr. Imbrogno explained an NOV that was issued to Mt. Green. Mt. Green agrees to collect samples that are representative of the influent and effluent for BOD & TSS and samples that are representative of the effluent for Fecal Coliforms and Total Coliforms, and agrees to the requirements outlined in its UPDES permit. Mt. Green also agrees to 1) submit all Discharge Monitoring Reports no later than the 28th day of the month, 2) purchase and utilize 2 additional aerators on the primary pond of the lagoon wastewater treatment facility, 3) to calibrate, repair and/or replace all existing meters and recorders by May 1, 2002, and 4) pay the stipulated penalties as described in the settlement agreement.

LOAN PROGRAM

Financial Assistance Status Report – Mr. Baker distributed to the Board the “Summary of Assistance Program Funds” and provided an update on the status.

South Sevier and Monroe City: (ACTION ITEM) – Mr. Beavers introduced Mayor Craig Mathie of Monroe City, who is also the acting chair of South Sevier Special Service District, and Tim Jones from Jones & DeMille Engineering. South Sevier Special Service District (SSSSD) is requesting financial assistance in the amount of \$4,143,000 for the design and construction of wastewater collection lines and an interceptor line to convey wastewater to Richfield City’s wastewater treatment lagoons. Monroe City is also requesting financial assistance in the amount of \$3,830,000 for the design and construction of a city-wide wastewater collection system. Currently, all areas within the SSSSD (and Monroe City) are served by on-site wastewater treatment and disposal systems

SSSSD proposes to construct centralized wastewater collection systems in the unincorporated areas of the Elsinore-Addition, Austin and Central and to construct an interceptor to convey the

20-year projected wastewater flows from the unincorporated areas within the district. Significant effort has gone into the planning of this project by the communities within SSSSD. Monroe City has grown to the point where it needs to transition from on-site wastewater systems to a centralized wastewater collection and disposal system. Richfield City has agreed to sell equity in its treatment lagoons to SSSSD for treatment. Monroe City will make payments to the SSSSD for both treatment costs and its proportionate share of the interceptor costs. Mayor Mathie stated that the public has been very involved and supportive of these efforts.

Mr. Williams asked to have the recommendations stated. Mr. Beavers stated that Monroe City is requesting financial assistance in the amount of a \$2,105,000 loan with a 30-year repayment term and zero percent interest rate and a Hardship Grant in the amount of \$1,725,000 for the design and construction of a city-wide wastewater collection system. Staff recommended the Board also allow \$402,000 of the Hardship Grant be used for the design of the project. SSSSD requested a \$2,973,000 loan with a 30-year repayment term and zero percent interest rate and a Hardship Grant in the amount of \$1,170,000 for the design and construction of an interceptor sewer and to purchase capacity in Richfield City's sewer lagoons. Staff recommended the Board also allow \$356,000 of the Hardship Grant be used for the design of the project. Ms. Wechsler expressed concern that a loan at 0% loan over a period of 30 years offers very little return on the investment. Mr. Baker responded that in targeting a user fee of 1.4% of the median adjusted household income the present value of the subsidy remains essentially the same regardless of the grant/loan split

Action Taken: SSSSD - It was moved by Mr. Sims and seconded by Mr. Adams and carried to approve SSSSD's request for a \$2,973,000, 0% interest loan, with a term of 30 years, and a \$1,170,000 Hardship Grant, subject to the conditions stated in staff's recommendations. A major loan condition imposed a prepayment provision that requires the District to annually report the number of equivalent residential users (ERUs) on its sewer system and to pay an additional debt service payment of \$45/ERU for each ERU in excess of 1,100. Ms. Wechsler opposed.

Action Taken: Monroe City - It was moved by Mr. Adams and seconded by Mr. Sims and carried to approve Monroe City's request for a \$2,105,000, 0% interest loan, with a term of 30 years and a \$1,725,000 Hardship Grant, subject to the conditions stated in staff's recommendations. Ms. Wechsler opposed.

Parowan City (ACTION ITEM) - Mr. Beavers introduced Mayor Ronald Smith, Clark Gates, City Manager, Council member Judy Teri, Council member Bruce Matheson, Brent Gardner from Alpha Engineering and Wendy Crowther of Clyde, Snow, Sessions & Swenson, a law firm representing a group of property owners near the proposed lagoon site. Parowan City is requesting financial assistance in the amount of \$2,873,000 for the relocation of its wastewater treatment lagoons with an accompanying interceptor line. Parowan's lagoons, which also serve the town of Brian Head, experience excessive seepage. In contemplating the repair and expansion of the lagoons it was determined to be in the long-term interests of the community to move the treatment facility. Thirty years ago the lagoons were located sufficiently far away from town so as not to be a nuisance. Parowan City has now grown and is expanding towards the south and west in the general area of the lagoons.

Parowan City proposes to abandon its existing wastewater treatment lagoons and construct new lagoons farther west near the Little Salt Lake. A new interceptor line would be constructed to

convey wastewater to the new facultative discharging lagoons. Treated effluent would be discharged into the Little Salt Lake and would help to revitalize the bird refuge in that area. Over the past several years several public meetings have been held concerning the lagoon issue. Parowan City will contribute \$60,000 to the project.

Ms. Weschler asked why staff is recommending a loan at only 2.75% interest. Mr. Baker responded that the Board has typically provided funding assistance at 2% below the municipal borrowing rate. Currently that borrowing rate is at an historic low of approximately 4.75%, which resulted in the staff recommending an interest rate of 2.75%.

Mr. Beavers stated he had received a call from a representative of the property owners located near the proposed lagoon site expressing concern that the lagoons might affect the groundwater. Iron County placed a condition on the Conditional Use Permit recently acquired by the City that a ground water monitoring well be installed to monitor the effects of the proposed lagoon on ground water quality. Mayor Smith showed on a map the number of residents that could be affected by the facility and indicated that ground water flows to be away from the homes. Ms. Crowther stated the concerns of the residents, explaining that eleven families are located in the affected area and stated that all are dependent on ground water sources for their water. These residents have asked the City and its engineering consultant to study the impacts of the proposed lagoons on nearby water quality. Ms. Crowther stated that her presence before the Board was to make Board members aware of the residents' concerns. Mr. Child stated he would request a special loan condition be added to ensure that the concerns of these residents are properly addressed prior to the project's loan closing. Mr. Baker indicated that before project planning is completed sufficient geotechnical and site investigation work would occur to determine if the lagoons could be appropriately sited in the proposed location. Staff will not allow any design to occur on the project until completion of the facility plan. Part of the facility planning process is to address these very issues.

Mr. Williams suggested that the Board impose a loan condition to the effect that all applicable rules and procedures attendant to the project going forward be followed. If these are satisfied the project may go forward. If these conditions are not satisfied the Board asked that staff return and report.

Action Taken: It was moved by Mr. Child and seconded by Mr. Sims and unanimously carried to approve Parowan City's request for a \$2,873,000, zero percent interest, 20-year loan with a 2.75% Hardship Grant Assessment, subject to the conditions stated in staff's recommendations and that added by the Board.

South Salt Lake City (ACTION ITEM) – Due to a conflict of interest Mr. Child excused himself from voting on this action item. Mr. Baker introduced Mayor Wes Losser, Gail Carlson, Finance Manager of the City of South Salt Lake, and Reed Fisher, General Manager of Central Valley Water Reclamation Facility. The City of South Salt Lake is requesting a loan for \$1,200,000 to pay for its share of the costs of two expansion projects at the Central Valley Water Reclamation Facility. The City's portion of those two projects is approximately \$700,000 for the 1995 expansion project and \$500,000 for the new digesters.

Action Taken: It was moved by Mr. Sims and seconded by Ms. Bunker and unanimously carried to approve the City of South Salt Lake's request for a \$1,200,000, 0% interest loan with a term of 20 years.

Weber County (ACTION ITEM) – Mr. Baker introduced Curtis Christensen, Weber County Engineer. Weber County is requesting funding assistance in the amount of \$145,000 from the Water Quality Board to assist with the installation of sewer laterals within the street right-of-way along the Central Weber Sewer Improvement District's (CWSID) sewer interceptor. The County is requesting that the Water Quality Board provide funding assistance to cover the costs of constructing sewer laterals for residents of the unincorporated county who are required to connect to the CWSID interceptor sewer. This assistance would put these residents on equal footing with West Haven SSD's residents who received funding assistance from the WQB for the same purpose. The estimated cost of this project is \$2,000 per lateral for 70 homes, or \$140,000.

Action Taken: It was moved by Mr. Child and seconded by Ms. Bunker and carried to approve staff's recommendations to Weber County for a \$145,000, 0% interest loan, with a term of 20 years. Dr. Kochenour and Ms. Wechsler opposed the motion.

Daggett County (ACTION ITEM) – Mr. Kennington introduced Sharon Walters from the County Commission and Scott Rogers from Aqua Engineering. Daggett County is making application for \$323,000 to be combined with a \$50,000 grant from the Community Impact Board to finance a wastewater treatment lagoon to replace the failing on-site septic tank/drainfield system at the Daggett County jail. Daggett County had explored four alternatives to resolve the current wastewater disposal problem. It was determined that the other alternatives were not cost-effective, leaving the County with the final alternative to refurbish an existing pump station, install 2,800 lineal feet of 4" diameter pressure pipeline and construct a 2.35-acre total containment lagoon system. Ms. Wechsler questioned why the jail was built in a wellhead protection zone. Mr. Baker stated the jail was built first. It was only later that the Town of Manila completed a study that identified the differing zones of the wellhead protection area.

Mr. Child stated that a full gravity line probably would better provide for the long-term needs of the area as future development could approach the Board for additional improvements at a much higher cost. Mr. Baker stated that negotiations are continuing with Manila Town in the hopes of being able to construct a sewer line in lieu of a lagoon that would only serve the jail. Mr. Child suggested a separate motion be made to urge the parties to further pursue the sewer line alternative. Mr. Ostler stated if the Board wanted to make an additional motion it would be appropriate in response to concerns raised by the Board.

Action Taken: It was moved by Dr. Kochenour and seconded by Ms. Bunker and unanimously carried to approve a \$323,000, 0% interest, 20-year loan to Daggett County for the construction of a sewage lagoon, subject to the conditions stated in staff's recommendations.

2nd Motion by Board: It was moved by Dr. Kochenour and seconded by Ms. Bunker and unanimously carried that the Board encourages DWQ staff, Daggett County and Manila Town to continue to explore the option of constructing a sewer line to serve the Daggett County jail.

STAFF REPORT

Report of the 2000 Municipal Wastewater Planning Program (MWPP): Mr. Krauth gave a presentation on MWPP. Some years ago a task force of local authorities was formed and goals were established to develop a program which would help: 1) Reduce water pollution; 2) identify the strong areas in a community's existing wastewater system; 3) identify the weak areas in the existing wastewater system; and 4) increase communication between the operations and

management personnel. As a result of the efforts of this task force the MWPP program was established which provides for communities to voluntarily submit an annual report on these items. A point system has been developed which serves as an indicator of those communities that have the greatest needs for improved wastewater operations and capital improvements. Operators that complete the annual report receive Continuing Education Units towards renewing their operator certification.

NEXT MEETING

The Board voted to hold the next meeting on June 21, 2002 in the Cannon Building, Room 125 at 9:30 a.m.

K. C. Shaw, Chairman